Name of Work: Improvements to Main roads and drains at Shivanahalli

Date of Measurement : 28/04/2018.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
9	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.							
	Drain							
	Cambridge School Behind	LHS	1	30.00	0.90		27.00	
		LHS	1	30.00	0.90		27.00	
		LHS	1	5.90	0.90		5.31	
		RHS	1	30.00	0.90		27.00	
		RHS	1	30.00	0.90		27.00	
		RHS	1	13.00	0.90		11.70	
		RHS	1	30.00	0.90		27.00	
		RHS	1	22.00	0.90		19.80	
	Shivanahalli							
	SS Elite Apt Rd	LHS	1	30.00	0.90		27.00	
		LHS	1	17.70	0.90		15.93	
		LHS	1	30.00	0.90		27.00	
		LHS	1	30.00	0.90		27.00	
		LHS	1	30.00	0.90		27.00	
		LHS	1	21.80	0.90		19.62	
		RHS	1	21.20	0.90		19.08	
						Present Qty	**334.44**	**Sqm**

checked.
30/4
E.E. (Project)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

KRIDL Bangalore

Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Project Engineer,
Yelahanka Zone
Bangalore

Asst. Executive Engineer

Name of Work: Improvements to Main roads and drains at Shivanahalli

Date of Measurement : 11/4, 12/4, 14/4, 17/4, 19/4/2018.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
13	KSRRB M400-17 : Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub- base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications.							
	Surabi Layout							
	Visveswaraiah Road							
	Ch:0.00m to 30.00m		1	30.00	(6.30 + 6.30)/2	0.225	42.53	
	Ch:30.00m to 60.00m		1	30.00	(6.30 + 6.50)/2	0.225	43.20	
	Ch:60.00m to 90.00m		1	30.00	(6.50 + 5.30)/2	0.225	39.83	
	Ch:90.00m to 120.00m		1	30.00	(5.30 + 5.95)/2	0.225	37.97	
	Ch:120.00m to 150.00m		1	30.00	(5.95 + 6.20)/2	0.225	41.01	
	Ch:150.00m to 180.00m		1	30.00	(6.20 + 6.80)/2	0.225	43.88	
	Ch:180.00m to 204.10m		1	24.10	(6.80 + 5.50)/2	0.225	33.35	
	Backside of Cambridge School							
	Ch:0.00m to 30.00m		1	30.00	(6.10 + 4.90)/2	0.225	37.13	
	Ch:30.00m to 60.00m		1	30.00	(4.90 + 4.75)/2	0.225	32.57	
	Ch:60.00m to 72.00m		1	12.00	(4.75 + 5.50)/2	0.225	13.84	
	Behind Cambridge School							
	Ch:0.00m to 30.00m		1	30.00	(5.50 + 5.20)/2	0.225	36.11	
	Ch:30.00m to 60.00m		1	30.00	(5.20 + 5.10)/2	0.225	34.76	
	Ch:60.00m to 90.00m		1	30.00	(5.10 + 4.80)/2	0.225	33.41	
	Ch:90.00m to 120.00m		1	30.00	(4.80 + 4.80)/2	0.225	32.40	

11/4 E.E. (Project)

11/4 E.E. (Project)

11/4 E.E. (Project)

Assistant Executive Engineer
By KRIDL, Bangalore Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Project Division
Yelahanka Zone

Asst Executive Engineer

	Ch:120.00m to 150.00m		1	30.00	$\frac{4.80 + 4.80}{2}$	0.225	32.40	
	Ch:150.00m to 180.00m		1	30.00	$\frac{4.80 + 5.20}{2}$	0.225	33.75	
	Ch:180.00m to 210.00m	Checked.	1	30.00	$\frac{5.20 + 5.35}{2}$	0.225	35.61	
	Ch:210.00m to 240.00m		1	30.00	$\frac{5.35 + 5.15}{2}$	0.225	35.44	
	Ch:240.00m to 256.00m	E.E. (Project)	1	16.00	$\frac{5.15 + 5.00}{2}$	0.225	18.27	
	Church Road							
	Ch:0.00m to 30.00m		1	30.00	$\frac{5.90 + 6.00}{2}$	0.225	40.16	
	Ch:30.00m to 60.00m		1	30.00	$\frac{6.00 + 5.50}{2}$	0.225	38.81	
	Ch:60.00m to 90.00m		1	30.00	$\frac{5.50 + 5.60}{2}$	0.225	37.46	
	Ch:90.00m to 120.00m		1	30.00	$\frac{5.60 + 5.30}{2}$	0.225	36.79	
	Ch:120.00m to 131.80m		1	11.80	$\frac{5.30 + 5.20}{2}$	0.225	13.94	
	Shivanahalli							
	SS Elite Apt Rd							
	Ch:0.00m to 30.00m		1	30.00	$\frac{6.20 + 6.10}{2}$	0.225	41.51	
	Ch:30.00m to 60.00m		1	30.00	$\frac{6.10 + 5.50}{2}$	0.225	39.15	
	Ch:60.00m to 90.00m		1	30.00	$\frac{5.50 + 5.80}{2}$	0.225	38.14	
	Ch:90.00m to 120.00m		1	30.00	$\frac{5.80 + 5.60}{2}$	0.225	38.48	
	Ch:120.00m to 150.00m		1	30.00	$\frac{5.60 + 5.65}{2}$	0.225	37.97	
	Ch:150.00m to 172.00m		1	22.00	$\frac{5.65 + 5.40}{2}$	0.225	27.35	
	2nd Stage Main Road							
	Ch:0.00m to 30.00m		1	30.00	$\frac{7.80 + 6.50}{2}$	0.225	48.26	
	Ch:30.00m to 60.00m		1	30.00	$\frac{6.50 + 6.40}{2}$	0.225	43.54	
	Ch:60.00m to 64.60m		1	4.60	$\frac{6.40 + 6.30}{2}$	0.225	6.57	
	2nd Cross Road							
	Ch:0.00m to 30.00m		1	30.00	$\frac{4.70 + 4.20}{2}$	0.225	30.04	

Assistant Executive Engineer
KRIDL, Bangalore
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore
Assistant Engineer

Newzen Consultants Bangalore
Newzen Consultants Bangalore
Asst. Executive Engineer
Project Division
Asst Executive Engineer
Yelahanka Zone

Name of Work: Improvements to Main roads and drains at Shivanahalli

Date of Measurement : 24/4, 25/4, 26/4/2018 & 27/04/2018.

Detailed Measurements

Item No	Discription of Item		No	Length	Breadth	Depth	Qty	Unit
17	KSRRB M500-19. Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with5.4 % VG-30 Bitumen							
	Surabi Layout							
	Visveswaraiah Road							
	Ch:0.00m to 30.00m		1	30.00	(6.30 + 6.30)/2	0.040	7.56	
	Ch:30.00m to 60.00m		1	30.00	(6.30 + 6.50)/2	0.040	7.68	
	Ch:60.00m to 90.00m		1	30.00	(6.50 + 5.30)/2	0.040	7.08	
	Ch:90.00m to 120.00m		1	30.00	(5.30 + 5.95)/2	0.040	6.75	
	Ch:120.00m to 150.00m		1	30.00	(5.95 + 6.20)/2	0.040	7.29	
	Ch:150.00m to 180.00m		1	30.00	(6.20 + 6.80)/2	0.040	7.80	
	Ch:180.00m to 204.10m		1	24.10	(6.80 + 5.50)/2	0.040	5.93	
	Backside of Cambridge School							
	Ch:0.00m to 30.00m		1	30.00	(6.10 + 4.90)/2	0.040	6.60	
	Ch:30.00m to 60.00m		1	30.00	(4.90 + 4.75)/2	0.040	5.79	
	Ch:60.00m to 72.00m		1	12.00	(4.75 + 5.50)/2	0.040	2.46	
	Behind Cambridge School							
	Ch:0.00m to 30.00m		1	30.00	(5.50 + 5.20)/2	0.040	6.42	
	Ch:30.00m to 60.00m		1	30.00	(5.20 + 5.10)/2	0.040	6.18	
	Ch:60.00m to 90.00m		1	30.00	(5.10 + 4.80)/2	0.040	5.94	

E.E. (Project)

Assistant Executive Engineer
KRIDL, Bangalore
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Project Division
Yelahanka Zone

Asst Executive Engineer

	Ch:90.00m to 120.00m		1	30.00	4.80 + 4.80 / 2	0.040	5.76		
	Ch:120.00m to 150.00m		1	30.00	4.80 + 4.80 / 2	0.040	5.76		
	Ch:150.00m to 180.00m		1	30.00	4.80 + 5.20 / 2	0.040	6.00		
	Ch:180.00m to 210.00m		1	30.00	5.20 + 5.35 / 2	0.040	6.33		
	Ch:210.00m to 240.00m		1	30.00	5.35 + 5.15 / 2	0.040	6.30		
	Ch:240.00m to 256.00m		1	16.00	5.15 + 5.00 / 2	0.040	3.25		
	Church Road								
	Ch:0.00m to 30.00m		1	30.00	5.90 + 6.00 / 2	0.040	7.14		
	Ch:30.00m to 60.00m		1	30.00	6.00 + 5.50 / 2	0.040	6.90		
	Ch:60.00m to 90.00m		1	30.00	5.50 + 5.60 / 2	0.040	6.66		
	Ch:90.00m to 120.00m		1	30.00	5.60 + 5.30 / 2	0.040	6.54		
	Ch:120.00m to 131.80m		1	11.80	5.30 + 5.20 / 2	0.040	2.48		
	Shivanahalli								
	SS Elite Apt Rd								
	Ch:0.00m to 30.00m		1	30.00	6.20 + 6.10 / 2	0.040	7.38		
	Ch:30.00m to 60.00m		1	30.00	6.10 + 5.50 / 2	0.040	6.96		
	Ch:60.00m to 90.00m		1	30.00	5.50 + 5.80 / 2	0.040	6.78		
	Ch:90.00m to 120.00m		1	30.00	5.80 + 5.60 / 2	0.040	6.84		
	Ch:120.00m to 150.00m		1	30.00	5.60 + 5.65 / 2	0.040	6.75		
	Ch:150.00m to 172.00m		1	22.00	5.65 + 5.40 / 2	0.040	4.86		
	2nd Stage Main Road								
	Ch:0.00m to 30.00m		1	30.00	7.80 + 6.50 / 2	0.040	8.58		
	Ch:30.00m to 60.00m		1	30.00	6.50 + 6.40 / 2	0.040	7.74		
	Ch:60.00m to 64.60m		1	4.60	6.40 + 6.30 / 2	0.040	1.17		

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E.E. (Project)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer

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Project Division
Yelahanka Zone

	2nd Cross Road								
	Ch:0.00m to 30.00m		1	30.00	4.70 + 4.20 / 2		0.040	5.34	
	Ch:30.00m to 60.00m		1	30.00	4.20 + 4.25 / 2		0.040	5.07	
	Ch:60.00m to 74.30m		1	14.30	4.25 + 3.60 / 2		0.040	2.25	
	1st Cross Road								
	Ch:0.00m to 30.00m		1	30.00	4.10 + 4.00 / 2		0.040	4.86	
	Ch:30.00m to 60.00m		1	30.00	4.00 + 4.20 / 2		0.040	4.92	
	Ch:60.00m to 67.70m		1	7.70	4.20 + 4.10 / 2		0.040	1.28	
	VRL Logistics								
	Ch:0.00m to 25.00m		1	25.00	3.80 + 4.70 / 2		0.040	4.25	
			1	9.00	4.50 + 4.00 / 2		0.040	1.53	
	Jayamuni Layout								
	Main Road								
	Ch:0.00m to 30.00m		1	30.00	7.00 + 6.20 / 2		0.040	7.92	
	Ch:30.00m to 60.00m		1	30.00	6.20 + 6.20 / 2		0.040	7.44	
	Ch:60.00m to 90.00m		1	30.00	6.20 + 6.20 / 2		0.040	7.44	
	Ch:90.00m to 120.00m		1	30.00	6.20 + 6.10 / 2		0.040	7.38	
	Ch:120.00m to 150.00m		1	30.00	6.10 + 6.40 / 2		0.040	7.50	
	Ch:150.00m to 180.00m		1	30.00	6.40 + 6.20 / 2		0.040	7.56	
	Ch:180.00m to 210.00m		1	30.00	6.20 + 6.35 / 2		0.040	7.53	
	Ch:210.00m to 240.00m		1	30.00	6.35 + 6.00 / 2		0.040	7.41	
	Ch:240.00m to 270.00m		1	30.00	6.00 + 6.00 / 2		0.040	7.20	
	Ch:270.00m to 300.00m		1	30.00	6.00 + 6.20 / 2		0.040	7.32	
	Dead End Cross Road								
	Ch:0.00m to 30.00m		1	30.00	5.20 + 5.00 / 2		0.040	6.12	

E.E. (Project)

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore
Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Project Engineer

	Ch:30.00m to 47.60m	1	17.60	5.00 + 5.40 / 2	0.040	3.66		
	5th Cross							
	Ch:0.00m to 30.00m	1	30.00	6.30 + 6.30 / 2	0.040	7.56		
	Ch:30.00m to 30.90m	1	0.90	6.30 + 6.40 / 2	0.040	0.23		
	5th Cross Cross Road							
	Ch:0.00m to 30.00m	1	30.00	5.20 + 5.50 / 2	0.040	6.42		
	Ch:30.00m to 60.00m	1	30.00	5.50 + 5.20 / 2	0.040	6.42		
	Ch:60.00m to 90.00m	1	30.00	5.20 + 4.85 / 2	0.040	6.03		
	Ch:90.00m to 120.00m	1	30.00	4.85 + 3.90 / 2	0.040	5.25		
	Ch:120.00m to 149.00m	1	29.00	3.90 + 4.50 / 2	0.040	4.87		
	4th Cross							
	Ch:0.00m to 30.00m	1	30.00	5.30 + 5.30 / 2	0.040	6.36		
	Ch:30.00m to 36.20m	1	6.20	5.30 + 5.80 / 2	0.040	1.38		
	6th Cross							
	Ch:0.00m to 26.00m	1	26.00	5.20 + 5.00 / 2	0.040	5.30		
	6th Cross Cross Road							
	Ch:0.00m to 30.00m	1	30.00	5.15 + 5.25 / 2	0.040	6.24		
	Ch:30.00m to 60.00m	1	30.00	5.25 + 5.40 / 2	0.040	6.39		
	Ch:60.00m to 88.00m	1	28.00	5.40 + 5.40 / 2	0.040	6.05		
	2nd Cross							
	Ch:0.00m to 30.00m	1	30.00	6.00 + 5.30 / 2	0.040	6.78		
	Ch:30.00m to 39.60m	1	9.60	5.30 + 5.30 / 2	0.040	2.04		
	E.E. (Project)				**Present Qty**	**394.94**		**Cum**

Checked.

Assistant Executive Engineer
Byatarayanapura Sub-division
KRIDL, BBMP, Bangalore

Assistant Engineer

Newzen Consultants Bangalore

Asst. Executive Engineer
Asst. Executive Engineer
Yelahanka Zone